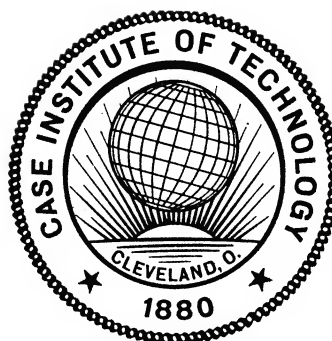
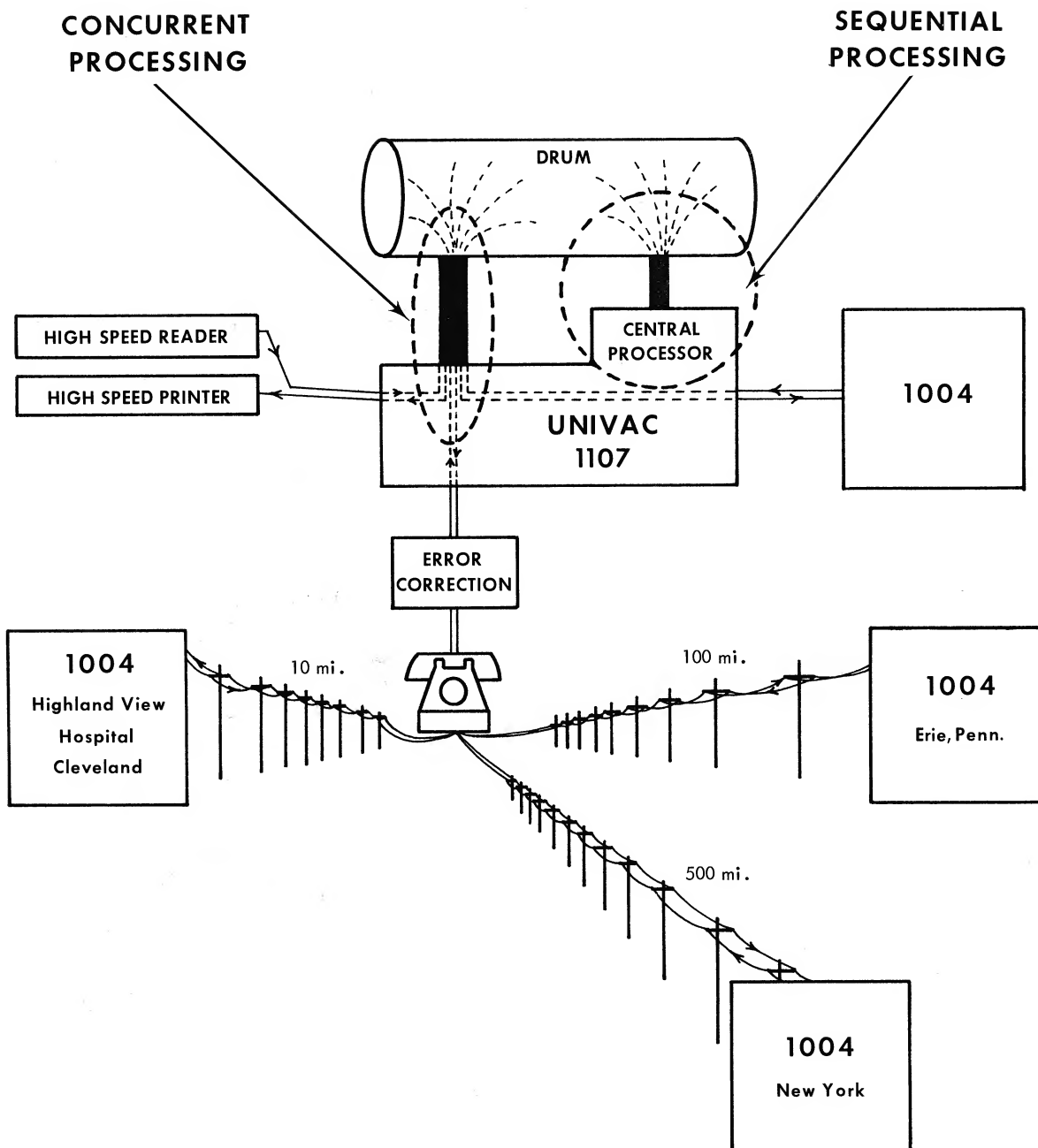


**CONCURRENT
PROCESSING
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The above diagram shows how, through buffering, Case operates many I/O devices concurrently, optimizing both the users and the computers time.

Undergraduates, graduate students, and faculty use the Case 1107 in the same way that the remote 1004's are used. Students submit runs by personally passing their card deck through one of the card readers. There is no machine operator as such. The deck is recorded on the FH 880 drums until the 1107 selects it for operation. Runs are executed serially. Printer output lines are recorded on the drums until the proper printer is free. The print lines are then copied out to the printer where the student removes the printed pages.

The system is capable of operating all readers and all printers concurrently while sequentially processing runs. For over half the runs printing is completed within five minutes of card deck entry.